

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	13	("5078514"   "5098207"   "5239599"   "5278692").PN. OR ("5757991").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/12 14:19
L2	1363	(optical with switch\$2) and (actuator same pivot\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/12 14:19
L3	545	(optical with switch\$2) and fiber and (actuator same pivot\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/12 14:19
L4	545	(optical with switch\$2) and fiber and (actuator same pivot\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/12 14:19
L5	1363	(optical with switch\$2) and (actuator same pivot\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/12 14:19
L6	4	(((((optical adj (fiber or fibre)) with switch))) same flexure).clm.	US-PGPUB	OR	ON	2005/07/12 14:21
S1	9	((("6498892") or ("6606444") or ("5239599") or ("5461683") or ("5596672") or ("5740301") or ("5594820") or ("5727099") or ("5757991"))).PN.	US-PGPUB; USPAT	OR	OFF	2005/02/28 11:02
S2	1	("4759597").PN.	US-PGPUB; USPAT	OR	OFF	2005/02/28 11:02
S3	1282	(optical with switch\$2) and (actuator same pivot\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/28 11:54
S4	508	(optical with switch\$2) and fiber and (actuator same pivot\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/28 11:54

S5	20	("4063287"   "4337995"   "4437728"   "4610504"   "4705348").PN. OR ("4759597").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/28 11:56
S6	26	("4645294"   "4878730"   "5016978"   "5066094"   "5239599"   "5422725"   "5606635").PN. OR ("5727099").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/28 13:11
S7	11	("5078514"   "5098207"   "5239599"   "5278692").PN. OR ("5757991").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/28 13:15
S8	22	("4407562"   "4699457"   "4946247"   "5000532").PN. OR ("5239599").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/28 13:19
S9	0	("2004/0022478").URPN.	USPAT	OR	ON	2005/02/28 15:26
S10	1	2004-237034.NRAN.	DERWENT	OR	ON	2005/02/28 15:26
S11	1	2004-237034.NRAN.	DERWENT	OR	ON	2005/02/28 15:27
S12	0	("2004/0184720").URPN.	USPAT	OR	ON	2005/02/28 15:29
S13	0	("2004/0184710").URPN.	USPAT	OR	ON	2005/02/28 15:30
S14	14	("4896935"   "5035482"   "5098207"   "5757991").PN. OR ("6044186").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/28 15:36
S15	5	("4407562"   "4834488"   "5434936"   "5727099").PN. OR ("6144782").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/28 16:36
S16	1	("6851870").PN.	US-PGPUB; USPAT	OR	OFF	2005/03/03 15:04
S17	0	("6868196").PN.	US-PGPUB; USPAT	OR	OFF	2005/03/03 15:04
S18	1	("20030002767").PN.	US-PGPUB; USPAT	OR	OFF	2005/03/03 15:05
S19	1363	(optical with switch\$2) and (actuator same pivot\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/12 10:01
S20	545	(optical with switch\$2) and fiber and (actuator same pivot\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/12 10:01

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**Inventor Name Search Result**

Your Search was:

Last Name = HARMAN

First Name = MURRAY

Application#	Patent#	Status	Date Filed	Title	Inventor Name 22
<u>60574230</u>	Not Issued	159	05/26/2004	900UM BUFFER STRIPPER	HARMAN, MURRAY RONALD
<u>60530239</u>	Not Issued	159	12/18/2003	ELECTRICALLY DRIVEN ZERO MECHANICAL - BACKLASH MICROACTUATOR INCORPORATING A ROTATING SCREW	HARMAN, MURRAY RONALD
<u>60400706</u>	Not Issued	159	08/05/2002	MOVING FIBER OPTICAL SWITCH	HARMAN, MURRAY R.
<u>60397003</u>	Not Issued	159	07/22/2002	HOLDER FOR USE IN PRECISELY POSITIONING AN ARTICLE SUCH AS AN OPTICAL FIBER ARRAY PACKAGE	HARMAN, MURRAY R.
<u>60290686</u>	Not Issued	159	05/15/2001	CLAMP MOUNT FOR HOLDING AN OPTICAL FIBER FERRULE	HARMAN, MURRAY R.
<u>60270990</u>	Not Issued	159	02/13/2001	METHOD AND DEVICE FOR STRIPPING PLASTIC COATING FROM A GLASS FIBER	HARMAN, MURRAY R.
<u>60222646</u>	Not Issued	159	08/03/2000	POSITIONING DEVICE ESPECIALLY FOR POSITIONING OPTICAL COMPONENTS	HARMAN, MURRAY R.
<u>10633389</u>	Not Issued	071	08/04/2003	MOVING FIBER OPTICAL SWITCH	HARMAN, MURRAY R.
<u>10179945</u>	<u>6606444</u>	150	06/26/2002	POSITIONING DEVICE ESPECIALLY FOR ASSEMBLING OPTICAL COMPONENTS	HARMAN, MURRAY R.

<u>09671143</u>	<u>6498892</u>	150	09/28/2000	POSITIONING DEVICE ESPECIALLY FOR ASSEMBLING OPTICAL COMPONENTS	HARMAN, MURRAY R.
<u>08728556</u>	<u>5757991</u>	150	10/09/1996	OPTICAL FIBER SWITCH WITH A DEFORMABLE STRUCTURE	HARMAN, MURRAY R.
<u>08698750</u>	<u>5727099</u>	250	07/19/1996	POSITIONING SYSTEM FOR CONTROLLING OPTICAL ALIGNMENT OF OPTICAL WAVEGUIDES	HARMAN, MURRAY R.
<u>08632711</u>	<u>5717813</u>	150	04/15/1996	FUSION SPLICE ELEMENT FOR USE IN SPLICING OPTICAL FIBERS	HARMAN, MURRAY R.
<u>08480072</u>	<u>5582671</u>	150	06/07/1995	METHOD OF MANUFACTURING A FUSION SPLICING BLOCK FOR OPTICAL FIBER SPLICING	HARMAN, MURRAY R.
<u>08385477</u>	<u>5594820</u>	150	02/08/1995	OPTO-MECHANICAL DEVICE HAVING OPTICAL ELEMENT MOVABLE BY TWIN FLEXURES	HARMAN, MURRAY R.
<u>08289293</u>	Not Issued	166	08/11/1994	FUSION SPLICE ELEMENT	HARMAN, MURRAY R.
<u>08289291</u>	<u>5481640</u>	150	08/11/1994	TOOL FOR FUSING OPTICAL FIBERS	HARMAN, MURRAY R.
<u>08289200</u>	<u>5740301</u>	150	08/11/1994	FUSION SPLICING BLOCK WITH ELECTRODES DISPOSED ON PLANAR SURFACE	HARMAN, MURRAY R.
<u>08266205</u>	<u>5596672</u>	150	06/27/1994	METHOD AND APPARATUS FOR CONTROLLING THE CONTACT OF OPTICAL FIBERS	HARMAN, MURRAY R.
<u>08243891</u>	<u>5461683</u>	250	05/09/1994	APPARATUS AND METHOD FOR ALIGNING OPTICAL FIBERS	HARMAN, MURRAY R.
<u>07929131</u>	<u>5239599</u>	150	08/13/1992	MOVING FIBER OPTICAL FIBER SWITCH	HARMAN, MURRAY R.
<u>07215747</u>	<u>5002351</u>	150	07/05/1988	FUSION SPLICER FOR OPTICAL FIBERS	HARMAN, MURRAY R.

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## Inventor Name Search Result

Your Search was:

Last Name = HARMAN

First Name = STEPHEN

Application#	Patent#	Status	Date Filed	Title	Inventor Name 13
<a href="#">60574230</a>	Not Issued	159	05/26/2004	900UM BUFFER STRIPPER	HARMAN, STEPHEN GEORGE
<a href="#">60530239</a>	Not Issued	159	12/18/2003	ELECTRICALLY DRIVEN ZERO MECHANICAL - BACKLASH MICROACTUATOR INCORPORATING A ROTATING SCREW	HARMAN, STEPHEN GEORGE
<a href="#">60400706</a>	Not Issued	159	08/05/2002	MOVING FIBER OPTICAL SWITCH	HARMAN, STEPHEN G.
<a href="#">60397003</a>	Not Issued	159	07/22/2002	HOLDER FOR USE IN, PRECISELY POSITIONING AN ARTICLE SUCH AS AN OPTICAL FIBER ARRAY PACKAGE	HARMAN, STEPHEN G.
<a href="#">60222646</a>	Not Issued	159	08/03/2000	POSITIONING DEVICE ESPECIALLY FOR POSITIONING OPTICAL COMPONENTS	HARMAN, STEPHEN G.
<a href="#">10633389</a>	Not Issued	071	08/04/2003	MOVING FIBER OPTICAL SWITCH	HARMAN, STEPHEN G.
<a href="#">10179945</a>	<a href="#">6606444</a>	150	06/26/2002	POSITIONING DEVICE ESPECIALLY FOR ASSEMBLING OPTICAL COMPONENTS	HARMAN, STEPHEN G.
<a href="#">08220651</a>	<a href="#">5559423</a>	150	03/31/1994	VOLTAGE REGULATOR INCLUDING A LINEAR TRANSCONDUCTANCE AMPLIFIER	HARMAN, STEPHEN G.
<a href="#">07690432</a>	<a href="#">5193224</a>	150	04/24/1991	ADAPTIVE PHASE CONTROL FOR A POWER AMPLIFIER PREDISTORTER	HARMAN, STEPHEN G.
<a href="#">07607385</a>	<a href="#">5170495</a>	150	10/31/1990	CONTROLLING CLIPPING IN A	HARMAN,

				MICROWAVE POWER AMPLIFIER	STEPHEN G.
<u>07524904</u>	<u>5033110</u>	150	05/18/1990	FREQUENCY CONVERTER FOR A RADIO COMMUNICATIONS SYSTEM	HARMAN, STEPHEN G.
<u>06499309</u>	<u>4513250</u>	150	05/31/1983	SIGNAL CUBER	HARMAN, STEPHEN G.
<u>06390521</u>	<u>4460875</u>	150	06/21/1982	NEGATIVE FEEDBACK AMPLIFIERS INCLUDING DIRECTIONAL COUPLERS	HARMAN, STEPHEN G.

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Michael Zickar, Wilfried Noell, Cornel Marxer, and Nicolaas F. de Rooij  
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**Optical switches for large-core-diameter optical fibers (POF and PCF)**

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Laurent Dellmann, Cornel Marxer, and Nico F. de Rooij  
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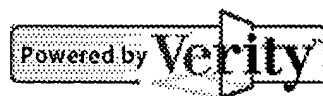
11. ☐ **Miniaturized fiber optic switches for optical metrology and optical communication**  
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Glen R. Fox, Claude A. Muller, Matthias Kuhn, Nava J. Setter, Nguyen H. Ky, and Hans G. Limberger  
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Francis L. Merat and Mehran Mehregany  
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